[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS NEWS BULLETIN 842 22/1/95

The usual preliminaries and post-scripts which precede and follow the RTTY/FEC versions of the Australian National Amateur Radio Teleprinter Society news broadcasts, will be included with the Packet version this week as a "one off", in the hope that within the larger audience reached there may be amateurs who wish to follow up a contact with the organisation.

If only some of the hundreds of members who cut their digital teeth on RTTY through ANARTS responded, we could be able to provide a wider spread of items to interest others.

SUNDAY BROADCAST SCHEDULES...

3.545 MHz (Plus/minus 5)	0930 UTC	VK2BQS (Jim)
7.045 MHz -3	0030 UTC	VK2CTD (Col)
14.070 MHz (amtor/fec)	0030 UTC	VK2DPM (Alan)
14.091 MHz	0030 UTC	VK2BQS (JIM)
146.675 MHz	0030/0930 UTC	VK2JPA (PAT)
144.850 MHz (ax25 bbs)		VK2JPA AT VK2AAB
146.675 MHz (rtty mmbbs/repeater)		VK2RTY

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Enquiries to the society should be addressed to the Secretary A.N.A.R.T.S., PO Box 860, Crows Nest, N.S.W. 2065, accompanied by s.a.s.e., or to VK2JPA @ VK2AAB. if you have any news or information for inclusion in a subsequent broadcast then please send to the Broadcast Officer, PO Box 60 Blacktown 2148 or address to VK2JPA @ VK2AAB on 144.850 MHz. QSL cards can be obtained by applying to the Broadcast Officer at the above address with station identification, bulletin no., date and the first news item or part thereof. In Australia include s.a.s.e., if overseas include 1 IRC for air mail.

Views expressed in this news bulletin are not necessarily those of the Broadcast Officer, the Relay Officers, or of the Society.

BBC AND DIGITAL AUDIO BROADCASTING

THE BBC CARRIED OUT MUCH OF THE RESEARCH AND DEVELOPMENT ON DAB, AS PART OF A CONSORTIUM THAT INCLUDES EUROPEAN ELECTRONICS COMPANIES. THE PROJECT WAS SUPPORTED FROM EUREKA, THE PAN-EUROPEAN TECHNOLOGY PROGRAMME. THE CONSORTIUM RECENTLY BEGAN SELLING MANUFACTURING LICENCES FOR DAB RECEIVERS TO JAPANESE COMPANIES SUCH AS PIONEER, AND WILL BENEFIT FROM ROYALTIES. JAPANESE MASS PRODUCTION IS EXPECTED TO DRIVE DOWN THE PRICE OF RECEIVERS.

THE BBC HAS BEEN LOBBYING THE BRITISH GOVERNMENT TO RELEASE FREQUENCIES FOR THE NEW SERVICE. LAST MONTH, TRADE AND TECHNOLOGY MINISTER PATICK MCLOUGHLIN RESPONDED WITH A 12.5 MEGAHERTZ SLICE OF THE VHF BAND FROM 217.5 TO 230 MEGAHERTZ, WHICH WAS PREVIOUSLY USED BY THE MILITARY. THIS BAND IS

DIVIDED INTO SEVEN 1.75 MEGAHERTZ BLOCKS, EACH CAPABLE OF CARRYING FIVE OR SIX HIGH-QUALITY STEREO CHANNELS.

UNDER AGREEMENT BETWEEN THE BROADCASTERS BBC WILL HAVE ONE BLOCK FOR ITS NATIONAL NETWORKS AND THE RADIO AUTHORITY ANOTHER, FOR CLASSICFM, VIRGIN'S ROCK STATION AND THE PLANNED SPEECH CHANNEL. THE REMAINING BLOCKS WILL BE USED BY LOCAL AND REGIONAL SERVICES.

THE BBC PLANS TO "SIMULCAST", TRANSMITTING ITS PROGRAMMES IN THE DIGITAL FORMAT AT THE SAME TIME THEY ARE BROADCAST ON FM AND AM WAVEBANDS. THE RADIO AUTHORITY HAS TOLD COMMERCIAL RADIO STATIONS THAT THEY TOO CAN "SIMULCAST" THEIR PROGRAMES WITHOUT HAVING TO PAY EXTRA FEES TO THE AUTHORITY.

COURTESY OF VK7PU PHIL

RNARS CONTACT NUMBER de ZL2JON (John).

IF YOU NEED AN RNARS NUMBER, LOOK FOR JOHN AS ZL2RN. AT PRESENT HE IS NOT ON RTTY BUT IS HOPING.

IF YOU CANNOT FIND HIM, TRY TO CONTACT HIM AS ZL2JON ON RTTY (OFTEN ON 20M) AND SEE WHAT CAN BE ARRANGED. HE HAS THE CALL UNTIL THE END OF FEBRUARY.

FIRST ANNUAL ADRS WORLD-WIDE DIGITAL WPX CONTEST

TO BE HELD ON THE FIRST FULL WEEKEND OF FEBRUARY EACH YEAR.

STARTS - 0000 UTC SATURDAY. ENDS 2400 UTC SUNDAY 4-5 FEBRUARY 1995.

FOR SINGLE OPERATOR AND MULTI-SINGLE ONLY 30 HOURS OF THE 48 HOUR CONTEST PERIOD ARE PERMITTED. OFF PERIODS MUST BE A MINIMUM OF 60 MINUTES IN LENGTH AND BE CLEARLY MARKED IN THE LOG. MULTI-MULTI OPERATOR STATIONS MAY OPERATE THE FULL 48 HOURS.

OBJECTIVE - THE OBJECT OF THE CONTEST IS FOR AMATEURS AROUND THE WORLD TO CONTACT AS MANY AMATEURS IN OTHER PARTS OF THE WORLD AS POSSIBLE DURING THE CONTEST PERIOD USING A DIGITAL MODE. RTTY, AMTOR, PACTOR, G-TOR AND CLOVER MODES ARE ALL ENCOURAGED.

BANDS - THE 3.5, 7, 14, 21, 28 MHZ BVANDS MAY BE USED. NO WARC BANDS.

TYPES OF COMPETITION

1. SINGLE OPERATOR (HIGH POWER ALL BAND, LOW POWER ALL BAND AND A SINGLE BAND.)
   - A. SINGLE OPERATOR STATIONS ARE THOSE AT WHICH ONE PERSON PERFORMS ALL THE OPERATING AND LOGGING FUNCTIONS.
   - B. LOW POWER - SAME AS 1(A) EXCEPT THAT OUTPUT POWER SHALL NOT EXCEED 150 WATTS. STATIONS IN THIS CATEGORY WILL COMPETE WITH OTHER LOW-POWER STATIONS ONLY. (ONLY FOR AN ALL BAND ENTRY).
   - C. SINGLE BAND STATIONS ARE HIGH POWER ONLY (EVEN IF LOW POWER IS USED).

2. MULTI-OPERATOR (ALL BAND OPERATION ONLY) NO POWER CLASSES.

A. SINGLE TRANSMITTER - ONLY ONE TRANSMITTER AND ONE BAND PERMITTED DURING THE SAME TIME PERIOD (DEFINED AS 10 MINUTES.

B. MULTI-TRANSMITTER - NO LIMIT TO TRANSMITTERS, BUT ONLY ONE SIGNAL AND RUNNING STATION PER BAND.

NOTE - ALL TRANSMITTERS MUST BE LOCATED WITHIN A 500 METRE DIAMETER OR WITHIN PROPERTY LIMITS OF THE STATION LICENSEES ADDRESS, WHICHEVER IS GREATER. ALL ANTENNAS MUST BE PHYSICALLY CONNECTED BY WIRES TO THE TRANSMITTERS AND RECEIVERS.

DX PACKET CLUSTERS, AND DX ALERTING ASSISTANCE IS PERMITTED IN ALL CLASSES OF OPERATION.

MORE NEXT WEEK

IPS WEEKLY REPORT

13 JANUARY - 19 JANUARY

DATE OF ISSUE: 20 JANUARY 1994

INDICES:

DATE	13	14	15	16	17	18	19
10CM	75	77	81	83	84	87	90
A	9	2	2	15	22	19	(4 ESTIMATED)
T	28	17	42	36	21	-14	33

SOLAR ACTIVITY WAS VERY LOW 13TH-17TH JANUARY AND LOW 18TH-19TH.

THE GEOMAGNETIC FIELD AT LEARMONTH WAS QUIET TO UNSETTLED 13TH-16TH, UNSETTLED TO ACTIVE 17TH-18TH, AND QUIET ON 19TH.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE NEAR NORMAL TO 15 PER CENT ENHANCED 13TH-16TH. ON 17TH-18TH, FREQUENCIES WERE DEPRESSED BY UP TO 25 PER CENT DURING DAYLIGHT HOURS, AND NEAR NORMAL TO 15 PER CENT ENHANCED DURING LOCAL NIGHT. ON 19TH, FREQUENCIES WERE ENHANCED BY 15-20 PER CENT DURING DAYLIGHT HOURS, OTHERWISE NEAR PREDICTED MONTHLY VALUES.

FORECAST (20 JANUARY - 26 JANUARY)

SOLAR: LOW

GEOMAGNETIC: ACTIVE 20 JANUARY, THEN UNSETTLED.

IONOSPHERIC: DEPRESSED BY 15 PER CENT ON 21 JANUARY, OTHERWISE NEAR PREDICTED MONTHLY VALUES.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

RTDX0113 RTTY DX

VK2SG RTTY DX NOTES FOR WEEK ENDING 12 JAN. 1995 (BID RTDX0113)

OUR INFORMATION THIS WEEK CAME FROM: I5FLN AND THE IK5PWJ PACKET CLUSTER, W2JGR AND THE NJ0M NODE THE TWIN-CITIES DX PACKET CLUSTER, W5ZPA, AA5AU, WX5L AND THE K5NV DX CLUSTER, W5KSI AND ZS5S.
THANK YOU ALL FOR YOUR ASSISTANCE.

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BANDPASS
FRIDAY 6
1329-14089  VP29EI
1450-14080  V31RY
1525-14082  UX0KX
1527-14080  3C0N/D2SA QSL F6FNU
1839-14087  VP2E/NM7N
1842-14083  ZS6YA
1843-14084  8P6SG

SATURDAY 7
0134-14087  VP8CKN QSL P.O. BOX 470, PORT STANLEY,
                   FALKLAND ISLANDS,VIA UNITED KINGDOM
0240-14082  VI0ANT DAVIS BASE QSL VK4EET
1304-14086  V31RY
1305-14083  CO2KG
1422-14087  LX1DA
1429-14083  J68BU
1450-14088  3A2LZ
1520-21086  EA6BH
1521-21087  S57J
1540-14090  4X6UO
1936-21073  8P6SG
1948-21087  V31RY
2247-21081  5W1MM

SUNDAY 8
0110- 7040  VP8SGP SEE NOTE
0228- 7043  J68BU
0945-21095  9Q5PL
0951-21095  C91A
1049- 7079  8P6SG
1206-14087  VP29EI
1317-14080  V31JU
1337-14065  8P6SG
1338-14071  J68BU
1341-14078  HH2PK
1342-14081  EA6BH
1344-14083  S57U
1345-14084  LY1BZB
1550-14097  SV2BFN
1352-14094  LX1DA
1357-14095  A45ZX
1406-14090  VP5JM
1423-21084  KP2N
1425-21089  LX1DA
1440-21083  8P6SG
1449-14090  LX1B
1455-21080  ZS6YA
1456-21081  V31RY
1457-21088  GW5NF
1523-14071  J28BU
1528-21084  KP2N
1534-14065  VP29EI
1539-21078  HH2PK
1555-14086  4X6UO
1601-14098  TA2II
1604-21080  V31JU
1632-14083  J68BU
1636-14085  EA8RA
1652-14078  S53MJ
1717-14088  VP5JM
1721-14086  HP1XBH
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1805-21077 5W1MM
1815-21074 VP29EI
1823-14085 HH2PK
1909-21082 J68BU
1915-21077 5W1MM
1912-21083 8P6SG
1920-14090 CU3EM
1931-21080 KP2N
1926-21088 V31RY
2018-21087 A35RK
2119-21077 ZL3GQ
2143-21089 AH6JF
2353-14094 AH6HH

MONDAY 9
0007-14083 VI0ANT
0016-14086 VP8CKN
0132-14081 VI0ANT
2106-14084 FG5FII

TUESDAY 10
0344-14085 ZL3GQ
0351-14087 LU1EKS
1325-14086 GI0LEC
1718-14083 EA8AFJ
2209-14082 FG5GI
2258-14087 CO2KG
2328-14089 CX5CJ

WEDNESDAY 11
0105-14083 VI0ANT
0125-14084 AH6HH
0135-14084 LU4FZM
1327-14086 CT1EIF
1330-14085 J68BU
2147-14083 CO2KG
2307-14089 P43DWC

THURSDAY 12
1314-14083 SV1ADG
1316-14086 OK2TB
1318-14086 CO2KG
1605-14088 GI0BQX
1630-14084 LX1DA

NOTES OF INTEREST.

SOUTH GEORGIA, VP8. VP8SGP, WAS ACTIVE UNTIL 20TH JANUARY.
THEY WERE ON ALL BANDS, CW, SSB AND RTTY. QSL W4FRU,
INDEXA POB 5127, SUFFOLK, VA 23435

TONGA, A3. A35RK, PAUL, KK6H IS NOW ACTIVE AS A35RK AND
WILL BE UNTIL 7 FEBRUARY. QSL VIA HOME CALL.

UNITED NATIONS HQ, 4U1UN. THIS STATION WILL BE SIGNING
4U50UN, UNTIL THE END OF 1995, CELEBRATING THE 50TH.
ANNIVERSARY OF ITS ESTABLISHMENT IN 1945.

FOR NEXT WEEK'S BULLETIN, SEND YOUR BANDPASS AND NOTES OF
INTEREST TO LUCIANO, I5FLN AT ITOS.ITA.EU

REMEMBER, DX DON'T SLEEP.
GL DE BOB, WB2CJL AT W5KSI.#NOLA.LA.USA.NA

ARLD002 DX NEWS

THIS WEEK'S BULLETIN WAS MADE POSSIBLE WITH INFORMATION PROVIDED BY FRANK, AH0W/OH2LVG, TEDD, KB8NW, THE YANKEE CLIPPER CONTEST CLUB PACKETCLUSTER NETWORK AND THE CONTEST CORRAL COLUMN FROM THE PAGES OF QST MAGAZINE. THANKS TO ALL.

LIBYA. EUROPEANS HAVE REPORTED HEARING A STATION SIGNING F5HV/5A OR 5A/F5HV/M ON 14120 AND 14140 KHZ. THE OPERATOR GAVE HIS NAME AS JACQUES AND SAID TO QSL VIA F5PFP. HE WAS ALSO HEARD TO SAY HE HAD NO LICENSE. NO DOCUMENTATION HAS BEEN RECEIVED BY THE DXCC DESK FOR THIS ONE.

TONGA. PAUL, KK6H, WILL BE ACTIVE AS A35RK UNTIL FEBRUARY 7, WITH MOST OPERATING ON CW BETWEEN 160 AND 30 METERS. HE WAS HEARD THIS PAST WEEK ON 40 METER CW AROUND 0700Z AND AGAIN AT 1130Z. PAUL WAS ALSO HEARD BRIEFLY ON 15 METERS. QSL VIA KK6H.

HONG KONG. MIKE, VS6WV, NOW HAS ANTENNAS UP FOR 160 AND 80 METERS. HE SUGGESTS TRYING 1829 TO 1832 AND 3506 KHZ AS THESE ARE CLEAR FREQUENCIES FOR HIM TO LISTEN ON. TRY 80 METERS FROM 1130Z ON.

EAST MALAYSIA AND NORTHERN MARIANAS. FRANK, AH0W/OH2LVG, WILL BE ACTIVE IN EARLY MARCH FROM THE NORTHERN MARIANAS/SAIPAN, INCLUDING A SINGLE-OP ENTRY IN THE ARRL SSB DX CONTEST AS AH0W. HE WILL STOP FOR A FEW DAYS ON BUSINESS IN MALAYSIA AND ACTIVATE EAST MALAYSIA, 9M8. BOTH OPERATIONS WILL CONCENTRATE ON LOW BANDS, 20 METERS AND WARC. QSL VIA KE7LZ.

GUATEMALA. JACK, KE4LWT, WILL START OPERATING SOMETIME IN LATE JANUARY OR EARLY FEBRUARY AND HOPEFULLY BE ACTIVE THROUGH THE MIDDLE OF JUNE. NO CALL SIGN HAS BEEN ISSUED YET. LISTEN FOR JACK BETWEEN 0000 AND 0600Z IN THE US NOVICE SUB-BANDS, ESPECIALLY 80 AND 40 METERS.

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COMING EVENTS.

February	4th-5th	ADRS WW RTTY WPX CONTEST
	11th-12th	EA WW RTTY Contest
	26th	Central Coast Field Day at WYONG.

STOLEN

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ONE YAESU 2M FM TRANSCEIVER FT-212RH, SERIAL NO. 1C630025. IF YOU ARE OFFERED THIS PIECE OF EQUIPMENT, PLEASE CONTACT PAT VK2JPA QTHR, OR PHONE BLACKTOWN POLICE ON (02) 622 0000.

FOR DISPOSAL

VK2SG HAS SOME JUNK FOR DISPOSAL, STUFF THAT HE THINKS HE WILL NEVER NEED AGAIN, ITS YOUR FOR THE COLLECTION. THINGS LIKE TRANSFORMERS 385/385 VOLTS, MOTORS FOR PRINTERS, THAT CAN BE USED FOR OTHER THINGS, TUNING CONDENSERS, BOXES OF ELECTROLYT-ICS, ETC ETC ETC. IF YOU CAN USE IT, COME AND GET IT. ALSO HAS PRINTERS LIKE SAGEMS MODIFIED FOR 45/50 AND 75 BAUDS, SIEMEN

SET FOR 45 BAUDS WITH PAPER WIND UP MOTOR.

HE ALSO HAS A TELEREADER WITH POWER SUPPLY WHICH DOES CW/RTTY (VARIOUS BAUD RATES), ASCII AND HAS BEEN MODIFIED FOR AMTOR, ALL PAPERWORK AND HANDBOOKS INCLUDED PLUS A SPARE MK2 AMTOR BOARD, NEGOTIABLE PRICE ... THERE ARE ALSO OTHER BITS OF JUNK AS WELL, EVEN VALVES.

SOME RADIO CLUB MAY BE INTERESTED.

DE SYD VK2SG QTHR

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President (Col) VK2CTD @ VK2XSB, or the Secretary (Pat) VK2JPA @ VK2AAB.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or by packet to VK2JPA @ VK2AAB. Email address for the Broadcast Officer is :

patl(at)pitt.conmusic.su.oz.au

The Society welcomes news items on any digital subjects from anywhere in the broadcast coverage area. We are looking for-ward to news from your areas to let other amateurs know what you are doing in the hobby. Hope to hear from you.

73s de Pat VK2JPA Broadcast Officer
That concludes ANARTS NEWS842 22/1/95..

Inserted by VK2BQS (Jim) Vice President ANARTS.
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Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD